

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2016, Alabama

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass		Geo-thermal ^f	Solar ^{f,i}	Retail Electricity Sales	Net Energy ^{f,j}	Electrical System Energy Losses ^k	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
1960	7,904	109	2,511	708	382	2,014	3,765	9,380	26	--	--	--	NA	8,966	--	--	--
1965	8,774	132	1,962	1,020	372	945	5,317	9,615	25	--	--	--	NA	13,636	--	--	--
1970	11,177	171	2,833	1,696	204	1,611	6,026	12,370	25	--	--	--	NA	18,041	--	--	--
1975	9,288	156	4,475	1,846	198	5,814	6,805	19,138	25	--	--	--	NA	20,473	--	--	--
1980	7,221	171	3,356	1,857	104	3,787	7,619	16,724	24	--	--	--	NA	26,708	--	--	--
1985	5,476	138	2,597	1,031	507	96	7,185	11,415	24	--	--	--	NA	24,179	--	--	--
1990	5,525	156	4,580	901	443	444	6,919	13,287	0	--	--	--	0	27,618	--	--	--
1995	5,543	218	4,397	1,670	674	504	7,472	14,716	0	--	--	--	0	32,847	--	--	--
1996	5,792	215	5,086	1,330	678	705	8,400	16,199	0	--	--	--	0	33,523	--	--	--
1997	5,694	211	4,407	661	719	600	8,255	14,642	0	--	--	--	0	32,617	--	--	--
1998	4,846	209	3,726	187	519	613	6,961	12,006	0	--	--	--	0	33,539	--	--	--
1999	4,645	220	3,735	1,517	443	594	7,185	13,473	0	--	--	--	0	34,533	--	--	--
2000	4,415	216	2,938	1,548	443	1,338	7,445	13,712	0	--	--	--	0	35,034	--	--	--
2001	3,877	168	3,212	2,481	1,002	796	7,462	14,953	0	--	--	--	0	31,949	--	--	--
2002	3,523	174	3,281	2,290	1,068	1,871	7,901	15,410	0	--	--	--	0	32,615	--	--	--
2003	3,703	173	7,025	1,030	1,133	274	8,053	17,515	0	--	--	--	0	34,017	--	--	--
2004	3,824	179	6,823	997	1,278	431	9,687	19,216	0	--	--	--	0	35,595	--	--	--
2005	3,570	166	6,488	794	1,207	747	10,447	19,682	0	--	--	--	0	36,279	--	--	--
2006	3,358	168	5,571	957	1,295	766	10,178	18,767	0	--	--	--	0	36,281	--	--	--
2007	3,189	168	4,899	1,459	1,122	814	9,031	17,326	0	--	--	--	0	36,172	--	--	--
2008	3,141	160	5,505	722	1,014	1,034	8,875	17,149	0	--	--	--	0	34,990	--	--	--
2009	2,416	148	4,173	532	994	320	6,004	12,022	0	--	--	--	0	29,437	--	--	--
2010	2,685	162	3,852	514	658	711	R 6,030	R 11,765	0	--	--	--	0	32,350	--	--	--
2011	2,519	171	4,114	480	637	1,065	R 6,145	R 12,442	0	--	--	--	0	33,735	--	--	--
2012	2,674	191	5,229	548	487	775	R 6,051	R 13,089	0	--	--	--	0	33,751	--	--	--
2013	2,834	199	4,005	501	508	305	R 5,262	R 10,581	0	--	--	--	0	33,870	--	--	--
2014	3,234	204	3,447	462	520	349	R 5,076	R 9,854	0	--	--	--	0	34,635	--	--	--
2015	2,554	R 204	3,781	437	R 844	550	R 5,194	R 10,805	0	--	--	--	(s)	33,499	--	--	--
2016	2,358	209	3,964	415	855	955	5,261	11,449	0	--	--	--	(s)	32,535	--	--	--

Trillion Btu																	
1960	209.9	112.8	14.6	2.9	2.0	12.7	23.8	56.0	0.3	23.6	NA	NA	NA	30.6	433.1	75.7	508.8
1965	232.0	136.0	11.4	4.2	2.0	5.9	33.5	57.0	0.3	32.1	NA	NA	NA	46.5	503.9	111.1	615.0
1970	291.4	176.5	16.5	6.3	1.1	10.1	37.9	72.0	0.3	41.9	NA	NA	NA	61.6	643.5	148.9	792.4
1975	238.8	160.0	26.1	6.7	1.0	36.6	42.4	112.8	0.3	46.8	NA	NA	NA	69.9	628.5	167.6	796.1
1980	187.0	176.3	19.6	6.7	0.5	23.8	47.3	97.9	0.2	124.3	NA	NA	NA	91.1	676.8	218.9	895.8
1985	140.4	143.0	15.1	3.7	2.7	0.6	45.6	67.7	0.2	145.6	0.0	NA	NA	82.5	579.4	188.9	768.3
1990	143.3	160.0	26.7	3.2	2.3	2.8	44.1	79.1	0.0	100.9	0.0	0.0	0.0	94.2	577.4	215.2	792.6
1995	144.1	224.7	25.6	6.0	3.5	3.2	47.9	86.1	0.0	187.7	0.0	0.0	0.0	112.1	754.7	246.9	1,001.6
1996	150.1	221.8	29.6	4.7	3.5	4.4	53.9	96.2	0.0	174.3	0.0	0.0	0.0	114.4	756.8	251.0	1,007.9
1997	146.8	219.5	25.7	2.4	3.7	3.8	52.9	88.4	0.0	155.7	0.0	0.0	0.0	111.3	721.5	243.4	965.0
1998	126.7	217.5	21.7	0.7	2.7	3.9	44.5	73.4	0.0	184.2	0.0	0.0	0.0	114.4	716.2	254.2	970.4
1999	121.4	227.4	21.7	5.4	2.3	3.7	45.8	79.0	0.0	191.5	0.0	(s)	0.0	117.8	737.2	261.1	998.3
2000	116.7	225.2	17.1	5.5	2.3	8.4	47.8	81.1	0.0	193.0	0.0	(s)	0.0	119.5	735.5	262.2	997.7
2001	102.1	173.6	18.7	8.8	5.2	5.0	47.2	84.9	0.0	155.2	0.0	(s)	0.0	109.0	624.8	232.3	857.1
2002	92.8	178.7	19.1	4.6	5.6	11.8	49.9	90.9	0.0	153.3	0.0	(s)	0.0	111.3	627.0	237.9	864.9
2003	97.8	178.4	40.9	3.7	5.9	1.7	50.9	103.1	0.0	145.4	0.0	(s)	0.0	116.1	640.7	244.0	884.7
2004	100.5	183.5	39.7	3.5	6.6	2.7	62.1	114.7	0.0	174.1	0.0	(s)	0.0	121.5	694.3	254.9	949.2
2005	90.4	171.1	37.7	2.8	6.3	4.7	66.8	118.3	0.0	169.3	0.0	(s)	0.0	123.8	673.0	257.7	930.8
2006	85.4	172.7	32.3	3.4	6.7	4.8	64.7	112.0	0.0	185.7	0.0	(s)	0.0	123.8	679.5	261.4	940.9
2007	81.4	172.5	28.3	5.1	5.8	5.1	57.1	101.5	0.0	178.2	0.0	(s)	0.0	123.4	657.1	258.8	915.9
2008	80.7	164.0	31.8	2.5	5.2	6.5	56.1	102.2	0.0	163.3	0.0	(s)	0.0	119.4	629.7	246.6	876.3
2009	59.6	152.1	24.1	1.8	5.1	2.0	37.4	70.4	0.0	129.5	0.0	(s)	0.0	100.4	512.1	199.2	711.3
2010	68.8	164.1	22.3	2.0	3.3	4.5	R 37.5	R 69.6	0.0	R 143.8	0.0	(s)	0.0	110.4	R 556.7	217.3	R 773.9
2011	65.0	173.5	23.8	1.8	3.2	6.7	R 38.3	R 73.8	0.0	R 156.9	0.0	(s)	0.0	115.1	R 584.3	219.5	R 803.8
2012	72.9	193.8	30.2	2.1	2.5	4.9	R 37.7	R 77.3	0.0	R 160.6	0.0	(s)	0.0	115.2	R 619.9	215.3	R 835.1
2013	76.4	202.0	23.1	1.9	2.6	1.9	R 32.9	R 62.4	0.0	R 174.6	0.0	(s)	0.0	115.6	R 631.0	219.2	R 850.2
2014	87.3	207.9	19.9	1.8	2.6	2.2	R 31.7	R 58.2	0.0	R 164.5	0.0	(s)	0.0	118.2	R 636.1	224.8	R 860.9
2015	69.5	R 209.6	21.8	1.7	4.3	3.5	R 32.4	R 63.6	0.0	R 157.9	0.0	(s)	(s)	114.3	R 614.9	208.8	R 823.6
2016	64.6	214.7	22.9	1.6	4.3	6.0	32.8	67.6	0.0	156.9	0.0	(s)	(s)	111.0	614.9	198.6	813.4

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Losses and co-products from the production of fuel ethanol.

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. -- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.